

CLAIMS

1. A leveling mount comprising in combination:
 - (a) a leveling mount base with an indented socket, a female and male engagement means for an elastomeric leveling mount base pad comprising a circumferential female indentation element and a male projection element, said indented socket sized to receive an inserted support member, for a supported structure as a means to permit rotary movement and restrict movement from the vertical of said inserted support member and means comprising said leveling mount base configured to have parallel outer surfaces and attachment elements for securing said leveling mount to the support surface to reduce to a minimum the presence of open holes, crevices, recesses and cavities in the juncture of said leveling mount base with the support surface, wherein said indented socket is sized to allow a restricted movement of an inserted support member to about 15° from the vertical and 360° rotary movement of the leveling mount base, said female circumferential indentation element and said male projection element forming a female and male engagement mounting;
 - (b) a support member element comprising a support stud sized to be inserted into said indented socket of said leveling mount base element to form a joint with rotary movement and restricted movement from the vertical;
 - (c) an elastomeric circumferential leveling mount base pad with resiliency and elasticity sized to fit tightly and securely on said leveling mount base by said engagement means comprising said female indentation element and said male projection element;

- (d) a suitable number of lag holes with knock-out covers over said lag holes in said leveling mount base, said lag holes in perpendicular alignment to parallel top and bottom surfaces of said leveling mount base to provide a means of securing said leveling mount base to a support surface.

2. The leveling mount of Claim 1 wherein said means for securing said leveling mount to said support surface comprises said configured parallel outer surfaces of said leveling mount base in combination with said lag holes with knock-out covers in perpendicular alignment to said top and bottom surfaces and securing elements including bolts, screws and washers.

3. The leveling mount base of Claim 1 wherein said female indentation element of said female and male engagement means for an elastomeric leveling mount base pad comprises a female indentation within the structure of the bottom surface of said leveling mount base, said female indentation sufficiently depressed to mount said elastomeric pad securely positioned within the male circumferential base lip projection of the circumferential outer rim of said leveling mount base to permit attachment of said pad to said leveling mount base by suitable means.

4. The leveling mount base of Claim 1 wherein said female indentation element of said female and male engagement means for an elastomeric leveling mount base pad comprises multiple recesses within the structure of the bottom surface of said leveling mount base, said recesses sized and positioned to receive multiple male projections on the top surface of said elastomeric pad to mount said elastomeric pad upon the bottom surface of said leveling mount base in a secure and fixed position to permit attachment of said pad to said leveling mount base by suitable means.

5. The leveling mount of Claim 1 wherein said support member comprises a ball-ended support stud to form a ball and socket joint with the leveling mount indented socket.

6. The leveling mount of Claim 1 wherein said support socket stud comprises a support stud affixed to said supported structure.

7. The leveling mount of Claim 1 wherein said elastomeric leveling mount base pad is of a material selected from the group consisting of nylon, neoprene rubber, butyl rubber, polyurethane rubber, silicone rubber, natural rubber and any synthetic elastomer with resiliency and elasticity.

8. The elastomeric leveling mount base pad of Claim 7 wherein said elastomeric base pad material is glass reinforced to aid strength and shock resistance.

9. The leveling mount of Claim 1 wherein said support member element comprises a ball ended support stud threaded to receive a threaded nut to raise and lower the supported structure.

10. The leveling mount of Claim 1 wherein said elastomeric leveling mount base pad is a lock-in-place pad for easy placement upon said base mount, is held in place by suitable means including an adhesive and holding screws and is removable by insertion of a flat blade between adhesive surfaces and by removal of holding screws.

11. The leveling mount base of Claim 1 wherein said inserted support stud comprises a fixed stud of supported equipment.

12. The leveling mount base of Claim 11 wherein said inserted support member comprises a fixed stud member of supported equipment wherein said inserted support member in said indented socket of said leveling mount base is threaded.